MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54′ 22″ N.

LONG. E. FROM GREENWICH 35° 28′ 10″

AUGUST 1922

J. A. BROWN, DIRECTOR

LIBRARY
NOV 22 1922
Weather Bureau

PRINTED AT THE UNIVERSITY PRESS

AUGUST 1922

METEOROLOGICAL REGISTER

Date	Barometer reduced to 0°C. Sea level and 45° Latitude				Thermometer Cent. (Corrected)			Bright Sunshine hrs.	Rain m.m.
	8:30	2:30	8:30	mean	Max.	Min.	Min. on grass		
1	755.3	755.0	755.3	755.2	30.8	23.2			
2	4.3	4.0	4.5	4.3	30.7	23.3			
3	4.9	4.8	5.1	4.9	31.1	23.4			
4	5.3	5.6	5.5	5.5	31.2	22.8			
5	4.8	4.6	4.1	4.5	31.9	24.0	—	—	—
6	3.4	3.2	3.5	3.4	32.1	23.3			
7	3.8	3.1	4.2	3.7	31.7	23.9			
8	4.6	4.0	4.7	4.4	31.6	24.1			
9	4.7	5.0	5.1	4.9	31.6	24.6			
10	5.1	5.0	4.3	4.8	31.4	24.3	—	—	—
11	4.9	5.6	4.9	5.1	32.2	24.1			
12	3.7	3.2	3.0	3.3	31.9	24.6			
13	3.6	3.3	3.2	3.4	31.9	25.5			
14	3.6	3.6	4.3	3.8	32.3	25.6			
15	3.9	3.8	4.3	4.0	32.6	25.4	—	—	—
16	4.5	4.8	5.3	4.9	32.7	25.6			
17	4.8	4.8	5.2	4.9	33.2	25.9			
18	5.8	5.6	5.5	5.6	32.3	25.4			
19	4.1	3.6	3.9	3.9	32.2	25.4			
20	3.5	2.9	3.5	3.3	32.2	25.9	—	—	—
21	4.3	3.3	3.9	3.8	31.7	24.6			
22	4.7	4.8	5.3	4.9	31.4	25.4			
23	5.7	5.3	5.7	5.6	31.6	25.9			
24	5.6	5.7	6.3	5.9	32.1	25.1			
25	7.4	6.9	7.4	7.2	32.6	24.3	—	—	—
26	7.1	6.3	5.4	6.3	31.8	24.4			
27	6.7	4.1	3.0	4.6	32.1	24.1			
28	2.6	2.5	2.5	2.5	31.6	23.1			
29	2.6	2.9	3.8	3.1	31.1	23.4			
30	4.0	4.7	4.4	4.3	30.9	24.3			tr.
31	4.8	4.7	5.3	4.9	30.5	24.6	—	—	,,
	754.6	754.4	754.6	754.5	31.60	24.50			

BAROMETER

Maximum	757.4	on 25th
Minimum	752.5	on 28th

THERMOMETER

Maximum	33.2	on 17th
Minimum	22.8	on 4th
Minimum on grass		on

RAINFALL

Maximum mm. on

Number of days with rain 0 thunderstorms 0 fog 0 gale 0

AUGUST 1922

METEOROLOGICAL REGISTER

Date	Dry Bulb Cent. (Corrected)				Wet Bulb Cent. (Corrected)			Elasticity of Vapour mm.				Relative Moisture per cent.			
	8:30	2:30	8:30	mean	8:30	2:30	8:30	8:30	2:30	8:30	mean	8:30	2:30	8:30	mean
1	28.3	30.4	26.1	28.3	21.5	23.5	21.4	14.4	17.1	15.5	15.7	50	57	61	56
2	27.7	30.0	25.7	27.8	20.3	21.9	21.2	12.9	14.1	15.4	14.1	47	44	62	51
3	28.2	30.6	26.2	28.3	24.5	25.0	23.1	19.7	19.0	18.4	19.0	69	58	72	66
4	26.9	30.8	25.6	28.1	23.1	25.5	23.9	17.9	19.8	19.3	19.2	68	59	76	68
5	27.5	31.2	26.8	28.5	24.1	25.6	23.9	19.4	19.7	19.6	19.6	71	58	74	68
6	27.8	31.8	25.7	28.8	24.6	26.2	24.0	20.1	20.5	19.9	20.2	73	58	76	69
7	27.7	31.4	26.7	28.6	23.6	30.4	23.8	18.4	18.2	19.6	18.7	60	52	75	64
8	28.2	31.1	26.3	28.5	24.2	24.8	24.0	19.2	18.3	20.3	19.3	67	54	79	67
9	27.8	31.1	26.8	28.6	24.1	24.9	24.3	19.3	18.6	20.5	19.5	70	55	78	68
10	27.9	31.2	26.9	28.7	24.4	26.1	24.4	19.6	18.1	20.5	19.4	70	61	79	70
11	27.7	31.2	27.3	28.7	24.9	26.6	25.0	21.0	21.7	21.8	21.5	76	64	80	73
12	28.2	31.6	27.2	29.0	24.8	26.6	24.7	20.2	21.5	21.0	20.9	71	63	79	71
13	28.4	31.3	27.8	29.2	25.4	26.1	25.0	21.5	20.6	21.1	21.1	75	60	76	70
14	27.8	32.1	27.6	29.2	25.5	26.1	24.7	22.1	20.0	20.6	20.9	80	57	76	71
15	28.5	31.6	28.1	29.4	25.4	25.9	25.8	21.4	20.1	22.5	21.3	74	58	80	71
16	29.2	32.1	28.9	30.1	25.4	26.6	25.7	20.9	21.2	21.6	21.2	69	60	73	67
17	29.8	32.2	28.7	30.2	25.2	27.2	26.0	20.0	22.7	22.5	21.7	64	61	77	67
18	29.3	31.7	27.9	29.6	25.0	26.7	25.3	22.0	21.5	21.6	21.7	72	61	77	70
19	28.4	31.6	27.8	29.3	23.9	25.8	24.4	18.4	19.8	19.9	19.4	64	57	72	64
20	29.9	31.6	27.9	29.8	25.0	25.9	24.6	19.5	19.9	20.1	19.8	62	58	72	64
21	29.3	31.2	26.8	29.1	24.0	25.8	24.3	19.2	20.0	20.4	19.9	63	58	78	66
22	28.4	30.9	27.9	29.1	24.2	25.6	24.6	18.9	19.9	20.0	19.6	66	59	72	66
23	29.3	31.3	27.8	29.5	25.0	25.5	25.1	19.9	19.4	21.2	20.2	65	57	76	66
24	29.2	31.6	26.8	29.2	24.9	25.4	24.3	19.9	19.0	20.5	19.8	67	55	77	66
25	29.8	32.1	27.7	28.9	23.4	25.5	23.3	16.6	18.9	17.8	17.8	54	53	65	57
26	28.3	31.3	27.2	28.9	24.0	25.1	22.9	18 7	18.6	17.5	18.3	65	54	65	61
27	29.3	31.3	26.2	28.9	23.8	24.9	22.8	17.7	18.4	17.9	18.0	59	54	70	61
28	27.8	31.5	25.8	28.7	22.3	23.3	21.8	16.0	15.4	15.7	15.7	58	45	59	54
29	28.6	31.0	26.0	28.5	23.4	24.0	21.5	17.4	16.9	15.7	16.7	59	51	62	57
30	28.5	30.0	24.9	27.8	21.0	23.2	22.1	13.6	16.1	17.6	15.8	46	51	74	57
31	25.4	29.7	25.3	26.8	20.9	22.1	21.1	15.2	14.7	15.5	15.1	62	47	65	58
	27.7	31.2	27.0	28.8	24.0	25.4	23.8	18.8	19.0	19.4	19.1	65.2	56.1	72.8	64.7

Height of Barometer above sea level: 33.7 meters.

„ „ Thermometers above ground:

Dry and wet 1.55 m.; Max. 1.75 m.; Min. 1.70 m.

Height of Rain Guage: above ground 0.56 m.; above sea level m.

Gravity Correction −0.79mm.

Time of readings according to Standard Time of 30th E. Meridian.

AUGUST 1922

METEOROLOGICAL REGISTER

Date	Clouds. Clear—0 Overcast—10				Direction and force of Wind 0—10			Wind per day	Sea	Notes
	8:30	2:30	8:30	mean	8:30	2:30	8:30	Km.		
1	0	3	3	2.0	1	3	1	139.0	v. slight	
2	3	0	0	0.3	1	2	1	183.4	,,	
3	0	6	0	2.0	2	3	0	303.0	,,	
4	0	4	1	1.7	2	1	0	178.0	,,	
5	0	0	0	0	2	2	1	292.7	,,	
6	0	2	0	0.7	2	2	1	299.1	,,	
7	0	0	0	0	1	2	1	226.2	calm	
8	3	0	2	1.7	1	1	1	248.7	v. slight	
9	0	0	0	0	1	1	0	159.3	calm	
10	1	0	0	0.3	0	2	0	92.5	,,	
11	0	0	0	0	1	1	0	102.3	,,	
12	2	0	0	0.7	1	1	0	119.2	,,	
13	0	0	0	0	1	1	0	116.5	,,	
14	8cu n	3	0	3.7	1	0	1	127.9	,,	
15	2	0	0	0.7	0	1w	0	165.0	,,	
16	0	0	0	0	0	1w	1n	172.3	,,	
17	0	0	0	0	0	2n	0	107.6	,,	
18	5	4	0	3.0	1	2	1	243.8	,,	
19	0	0	0	0	2	2	2	202.6	v. slight	
20	0	0	0	0	2	2	0	199.2	,,	
21	0	0	0	0	0	1	1	165.0	,,	
22	4	2	9cu s	5.0	0	1n	0	169.3	calm	
23	5	1	4	3.3	0	2n	0	196.5	,,	
24	0	0	0	0	1	1	0	203.0	,,	
25	0	0	0	0	1	1	0	207.0	,,	
26	0	2	0	0.7	0	1	0	182.0	,,	
27	0	0	0	0	2	2	1	232.5	v. slight	
28	0	0	3	1.0	2	2	2	269.6	,,	
29	0	0	0	0	2	3	0	199.9	,,	
30	0	0	8cu n	2.7	2	3	1	207.8	,,	
31	9cu n	0	1	3.3	1	2	0	160.7	,,	
				1.1				189.4		

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	0	0	0	0	0	23	0	0	8
2:30	3	0	0	0	0	25	2	0	1
8:30	1	0	0	0	0	13	0	0	17
Totals	4	0	0	0	0	61	2	0	26

N.B.—Cloud numbers without letters are all cu.
Wind ,, ,, ,, ,, ,, sw.